EASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
		IT — 16182				
		VHT — 64726				
		Lwr — 16182				
		CBT — 1618				
		Rom — 26406				
		125114-00				

First & Final Bill

BR/01/20.4.17

M. A. R. 57 (Rule 116)
Measurement Book

No. B 249944

Name of Work ... Improvements and Asphalting to A.P.C. Layout 4th Cross and other roads in ward No-09, Vidyaranyapura SUB-division. From ... To ...

Name of Contractor of nature of Agency ... Sri. K. Nithin Kumar.

Date of commencement of work ...

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work code No:	009-15-000006					
	Agreement No:	233 Dated 20-01-2015					
	Work order No:	EE/BTP/BBMP/E-PMT/233/2014-15 Date 20-01-2015					
	Estimated Cost:	10.00 Lakhs					
	Address of Agency:	#313, 4th main Narasipura layout Vidyaranyapura main road Vidyaranyapura Bangalore-97					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 14/8/2016						
1)	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5mt, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods etc						
	Drain Desilting						
	4th Cross	2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.35 =	9.45 cum	
		2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.45 =	12.15 cum	
		2	30.00	0.45	0.30 =	8.10 cum	
		2	4.50	0.45	0.80 =	1.62 cum	
		2	2.50	0.45	0.35 =	0.79 cum	
	Cross Road1	2	28.95	0.45	0.45 =	11.72 cum	
	Cross Road2	2	31.50	0.45	0.30 =	8.51 cum	
	Cross Road3	2	37.50	0.45	0.35 =	11.81 cum	

ASUREMENT BOOK

	Dimensions			Contents	Referen to las Measuren
	Number 3	Length 4	Breadth 5	Depth 6	7	8
on 14/8/2016					
manual means in ordinary soil involving					
row upto 2 metres and an average lift upto					
leveled and sides neatly dressed, the disposed					
after breaking of clods etc					
	2	30.00	0.45	0.30 =	8.10 cum
	2	30.00	0.45	0.35 =	9.45 cum
	2	30.00	0.45	0.30 =	8.10 cum
	2	30.00	0.45	0.45 =	12.15 cum
	2	30.00	0.45	0.30 =	8.10 cum
	2	4.50	0.45	0.80 =	1.62 Cum
	2	2.50	0.45	0.35 =	0.79 cum
	2	28.95	0.45	0.45 =	11.72 cum
	2	31.50	0.45	0.30 =	8.51 cum
	2	37.50	0.45	0.35 =	11.81 cum

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249945

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Berm cutting						
	4th cross	2	30.00	0.90	0.45 =	8.10 cum	
		2	30.00	0.95	0.20 =	11.40 cum	
		1	30.00	0.90	0.25 =	6.75 cum	
		1	30.00	1.05	0.30 =	9.45 cum	
		2	30.00	1.00	0.45 =	8.00 cum	
		1	4.50	0.85	0.30 =	1.28 cum	
		1	2.50	0.80	0.15 =	0.34 cum	
	Cross Road1	2	28.85	1.05	0.20 =	12.18 cum	
	Cross Road2	1	31.50	1.10	0.15 =	5.20 cum	
	Cross Road3	1	37.50	1.85	0.25 =	18.28 cum	
					Total =	162.31 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) Filling pot holes and patch repairs with Bituminous Concrete 40mm Removal of all material forming of connected excavation to provide firm vertical faces cleaning of Surface painting of tack coat on the Sides and base of excavation as per Clause Back filling for Pot hole of excavation as per Clause Compacting forming and finishing the Surface to from a Smooth continuous Surface. etc						
		1	30.00	3.00	=	90.00 Sqm	
		1	30.00	3.00	=	90.00 Sqm	
		1	18.50	2.50	=	46.25 Sqm	
		1	14.60	2.30	=	33.58 Sqm	
		1	12.00	3.20	=	38.40 Sqm	
		1	10.90	3.10	=	33.79 Sqm	
		1	5.30	2.20	=	11.66 Sqm	
		1	6.90	3.40	=	23.46 Sqm	
		1	16.20	2.00	=	32.40 Sqm	

MEASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Patch repairs with Extramix concrete 40mm and formation of Compacted excavation to provide cleaning of Soffit painting of back Coat on excavation as per Clause back filling for Pot hole back Compacting formning and finishing by continuous Soffit. etc					
1	38.00	3.00		= 90.00 Sqm	
1	30.00	3.00		= 90.00 Sqm	
1	18.50	2.50		= 46.25 Sqm	
1	14.00	2.30		= 33.58 Sqm	
1	12.00	3.20		= 38.40 Sqm	
1	10.90	3.10		= 33.79 Sqm	
1	5.30	2.20		= 11.66 Sqm	
1	6.90	3.40		= 23.46 Sqm	
1	16.20	2.00		= 32.40 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249951

No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

e	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	12.80	1.80	=	22.68 Sqm	
		1	15.10	2.80	=	43.79 Sqm	
		1	14.80	2.00	=	29.60 Sqm	
		1	7.00	2.50	=	17.50 Sqm	
					Total =	513.11 Sqm	
	Qty Comated to Tender				=	511.70 Sqm	
	@ Rs 449.98					Rs 230255.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) Lead for Disposal of debris shall be payable at carriage rate by Mechanical means including loading and unloading &c. 0.00 to 2.00 km etc complete as per specification Qty vide Item No-01					= 12150 cum	
	@ Rs 77.21					Rs 9381.00	
						Total Rs 1038448.00	
						Jadhav AE 26/10/16	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BMP, Bangalore - 97

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
mber 3	Length 4	Breadth 5	Depth 6	7	8
rs shall be payable at carriage rate including loading and unloading from					
ay per specification					
01				= 121.50 cum	
	RS 7702				RS 9381.00
				Total RS	1038448.00

Zadhav
AE 26/10/16

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249952

rial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Certificate :- certified that that above work done satisfactory and no materials issued from departmentary						

Zadhav
AE 26/10/16

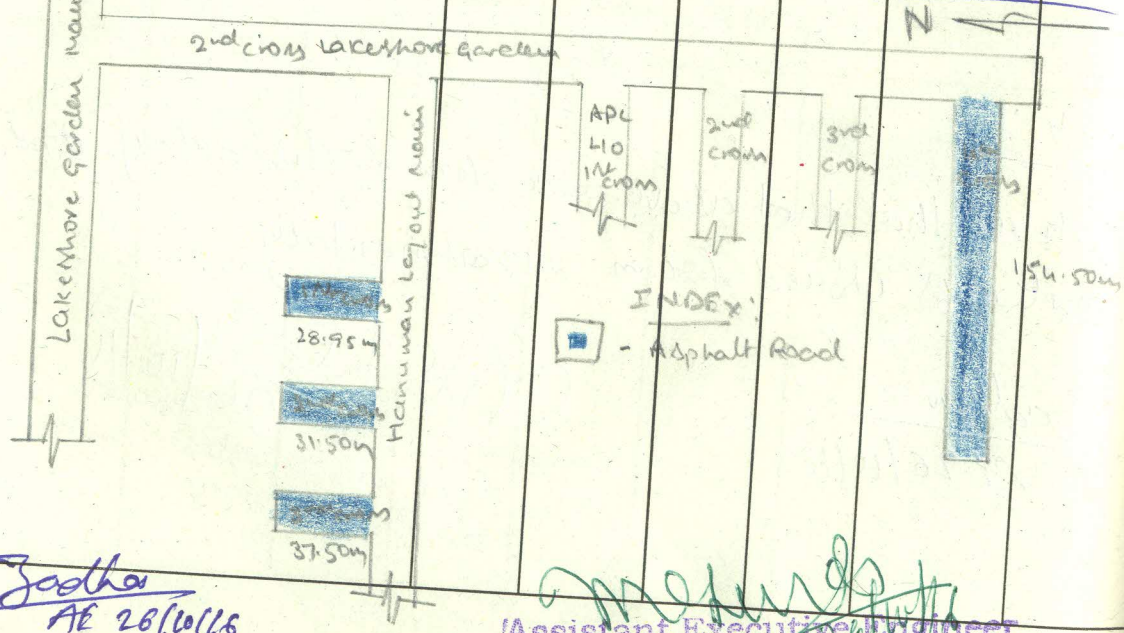
26/10/16

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Sketch showing the locations of work done SPd



Jadhav
AE 26/10/16

Assistant Executive Engineer
Vidyaranyapura Sub Division
[illegible] Bangalore-97

EASUREMENT BOOK

	Dimensions			Contents	Refere to last Measure
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Full Locations of work done SPd					
	N					
	APC 410 1st Cross	2nd Cross	3rd Cross			
	INDEX: - Asphalt Road					

Assistant Executive Engineer
Vidyaranyapura Sub Division

BR/02/20.4.17.

M. A. R. 57 (Rule 116)
Measurement Book

No. B
249953

No. ..... From ..... To .....
e of Work .....
he of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1038448-00 85659-00 952789-00					Total Rs: 1038448-00 ST - 10384-00 VAT 41538-00 Cess - 10384-00 CBF - 1038-00 LR - 16615-00 Fine - 5700-00 Adj - 85659-00 Cheque 952789-00	

27/04